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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 723	Press
55-56	Mis.
Dated 3. 3.	18 66

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Proceedings of the Madras Government, Public Works Department.
3rd March 1866.

No. 55. Read the following Proceedings of the Board of Revenue, dated 18th January 1866 :—

1. The Board resolve to submit the usual Budget Estimate of Original Works and Repairs to be executed for the development of the Salt revenue in the several Districts of the Madras Presidency, during the official year 1866-67.

2. Among the several works proposed by the Collectors in their lists of original works, the provision for the construction of a new Salt Cutcherry at Ramapatam, and that of a Store-yard at Gangapatam, in the Nellore District, have been struck out by the Board, as these two places of manufacture and sale are about to be abolished. In Madras also the estimate for the erection of seven watch towers at Cheyoor Salt Pans, amounting to Rupees 175, has been reduced to Rupees 25, as the Board consider that one tower will be enough.

3. The Collector of the Godavery District entered in the Budget an item of 16,000 Rupees for carrying out the alterations, &c., proposed by Mr. Clarke in the present Salt works of Carapah, but neither specified any particulars of the works nor proposed any expenditure during the ensuing year 1866-67. The item has, therefore, been omitted from the Budget now submitted.

4. Out of the estimates forwarded to the Board of Revenue with the Order of Government dated 3rd October 1865, No. 2,385, Revenue Department, some were disallowed, and others which are considered necessary have been included in the present Budget, as intimated in the Board's Proceedings dated 12th January 1866.

5. In the Budget of repairs the Collector of Nellore has provided for the repair and extension of several Store-yards, and the formation of ditches and hedges. Those noted in the margin have been struck out by the Board, as several of these places are to be done away with as places of manufacture and sale.

	RS.
Store-yards, &c., in Uttarapa Nuttu ...	300
Tarpu Nuttu	200
Livo Nuttu	700
Debba Nuttu	200
Gogalaputtu	500
Nachini Nuttu... ..	700
Mannaba Nuttu	100

6. The Collector of Godavery provided for the construction of a large number of platforms, but as it has been ordered by Government, in accordance with the recommendation of Mr. Clarke, that the pans in all other villages except Pennagudum should be closed, the Board consider that the provision made by the Collector is unnecessary. It has, however, been retained in the Budget, and the Collector will be requested to state if these works are still necessary, and whether he has any objection to close these pans as already contemplated.

Government Order, 11th May 1865.

Proceedings of the Madras Government, Public Works Department.
3rd March 1866.

7. In Tanjore a sum of Rupees 17,185 was allowed to be spent in the current official year 1865-66 upon repairs of certain Salt roads, which are imperial lines, on the understanding that the amount spent in the current official year is to be reimbursed to the Local Fund from Imperial Funds next year. The necessary provision has accordingly been made in the present Budget, the arrangement having been approved in the Order of Government, dated 27th October 1865, No. 2,635.

8. The Collector of Nellore has submitted, with his Budget, plans and estimates for some of the works. They will be returned to the Collector, in order that the necessary sanction of Government may be obtained through the Superintending Engineer.

* Communicated with the Proceedings of Government, Revenue Department, dated 12th December 1865, No. 3,012.

now submitted, and which are to be executed by the Deputy Collectors of the Salt Districts are received.

10. The following abstract shows the estimated charges for the year 1866-67, with the per-centage on the Salt revenue of Fusly 1274 :—

Districts.	Estimated cost of New Works.	Estimated cost of Repairs.	Total.	Salt Revenue of Fusly 1274.	Per-centage.
Ganjam	RS. 4,150	RS. 4,690	RS. 8,840	RS. 13,81,384	·63
Vizagapatam	26,204	4,600	30,804	3,02,657	1·17
Godavery ... ..	.....	2,000	2,000	4,16,158	·48
Kistna	20,710	4,900	25,610	6,81,683	3·75
Nellore	7,731	4,850	12,581	12,25,862	1·02
Madras	74,833	2,917	77,750	18,57,828	4·13
South Arcot	3,432	1,959	5,391	5,27,568	1·40
Tanjore	22,070	26,185	48,255	9,92,360	4·86
Madura	14,495	2,000	16,495	5,83,698	2·82
Tinnevely	27,280	6,900	34,180	6,10,901	5·59
South Canara	35,010	.....	35,010	5,54,391	6·31
Malabar	30,170	2,372	32,542	7,82,721	4·15
Total	2,66,085	63,373	3,29,458	99,17,221	3·32

11. The delay in the submission of these estimates is owing to the late receipt of the Budget from the Malabar District, which reached the Board only on the 30th December 1865.

Transferred to the Department of Public Works for disposal.

22nd January 1866.

(Signed) J. D. SIM,
Secretary to Government.

Proceedings of the Madras Government, Public Works Department.
3rd March 1866.

No. 56. ORDER THEREON, 3rd March 1866, No. 723.

ACCOUNT, No. 8.

1. With their Proceedings above recorded, the Board of Revenue submit the Budget of works which they recommend for execution during the year 1866-67 for the development of the Salt revenue in this Presidency. The requirements under the heads "New Works" and "Repairs" are Rupees 2,66,085 and 63,373 respectively.

2. These Statements having been received after the closing of the Imperial Budget, could not be considered in conjunction with the Superintending Engineers' estimates for the ensuing year. Of the new* works which are proposed by the Board, funds have been allotted in the Budget of 1866-67 for those noted in the margin.

* Part I.

Item No. 15 Rupees 5,000
Do. ,, 23 ,, 4,444
Three works (as follows) not included in the Board's Statement have been entered in the Imperial Budget.

	Amount allotted.
Improvements to the new Salt Pans at Tranquebar, Tanjore	RS. 3,910
Road from Aska to the Ganjam Port and Salt Pans, Ganjam	17,000
Salt road from Moorecolam to Ettival, Madura... ..	2,800

3. No estimates have yet been submitted to Government for a large number of the works entered in Part I. As the cost of several of these works is less than Rupees 2,500 each, and the estimates cannot, under the rules, be inserted in the Budget, the funds which are required for their execution must be provided from the Reserve under "Civil Buildings." With the very inadequate grant which is annually made for Public Works in this Presidency, it is impracticable, in any one year, to allot the whole of the funds which are applied for by the Board. The Statement under review will accordingly be referred to the Revenue Department, with a view to a few of the most pressing works being selected for execution during the coming year.

4. Such of the works entered in the Board's Statement as may be left unfinished at the close of the current year, and are not specially provided for in the Budget of 1866-67, should be included in the returns of incomplete works which the Superintending Engineers have been desired to submit to Government early in May next, when funds will be allotted for their completion.

See paragraph 18 of G. O. No. 405, dated 1st February 1866.

5. The Government do not understand why the Tannadar's Cutcherry at Pentacottah is twice† entered in the Board's Budget. The Order which is quoted opposite to the first of the entries conveyed sanction to an estimate of Rupees 1,130 for a Cutcherry at Bimlipatam, which is now shown‡ to have been "mentioned by mistake for Pentacottah." The Board will be requested to furnish further information regarding these entries.

† See remark opposite to Item 11.

6. An estimate of Rupees 10,000 is shown to have been sanctioned in G. O. No. 410, dated 24th February 1865, for "a road and road dam to connect the plat-

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3rd March 1866.

"form with the high road from Bimlipatam to Vizianagram." As this Order cannot be traced, the Board of Revenue will be desired to furnish a copy.

7. The estimate of Rupees 454 for a tank at Bimlipatam, although submitted to Government with the Board's Proceedings of the 4th February 1864, has never been formally sanctioned by Government.

8. The estimated cost of the Salt platforms at Cheyoor is entered at Rupees 3,958, and Rupees 123 are proposed for expenditure during 1866-67. The Government observe that the amount of the sanctioned estimate is Rupees 3,950, and that that sum was provided, in full, in the Budget of the current year, and is now at the Superintending Engineer's disposal.

Vide Item 26 of Budget of 1865-66.

9. Rupees 25,038 are entered as the probable cost of excavating boat channels at Cheyoor. The revised estimate which was called for in G. O. No. 2,677, dated 15th September 1864, should be submitted for sanction at an early date.

10. Item 66 of the Board's Budget, being a *repair*, should have been entered in Part II.

11. Raising the Salt Platform at Carapaud. In the Proceedings of Government No. 240, dated 7th February 1865, Revenue Department, the Collector of Tinnevely was requested to explain the necessity ~~for~~ this work, but, up to this date, no reply appears to have been received. His attention will now be called to the subject.

12. Rupees 1,900 are shown to be required for completing the widening and extending of the Salt road up to the platform at Vaipaur in Tinnevely. This amount having been allotted in the Order of the 4th July 1865, No. 1,868, is available for expenditure during the current year.

13. The sum which is applied for on account of *repairs* to Salt works is Rupees 63,373. On reference to the Budget of 1866-67, the Government observe that provision to the extent of Rupees 31,000 is made for this purpose, and they will rely upon the Superintending Engineers adopting measures, in concert with the Collectors, for expending the grant for each District to the best possible advantage.

14. The Salt Budget, as now submitted, is not in the prescribed form. The Board of Revenue will be careful to see that future statements are compiled in the forms of the printed Budget of 1866-67, which accompanied G. O. No. 405, dated 1st February 1866, and that they are laid before Government early in November each year.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Board of Revenue.
" Revenue Department.
" Superintending Engineers.
" Controller of Public Works Accounts.
" Accountant General.

Ed. S. T. Augustin.

FOR 1866-67.

PART I.
Original Works.
SALT DEPARTMENT.

PUBLIC WORKS BUDGET,

District.	No.	PROJECTS. Description and Locality.	Amount of Estimate.	Computed expenditure up to 30th April 1866.	Amount required for expenditure in 1866-67.	Remarks and References.
			Rs.	Rs.	Rs.	
1	2	3	4	5	6	7
		II. CIVIL ADMINISTRATION. C. REVENUE.	Rs.	Rs.	Rs.	
	1	For cutting channels to a distance of about 2,640 yards.	1,100	.....	1,100	A channel is necessary to connect the present ones, for supplying water sufficiently to all the beds.
	2	For making a wooden bridge across the back-water near the Kunnoacedah platform.	350	.....	350	Required to re-place the unsafe bridge made of cocoanut trees.
	3	For making a wooden bridge over the main channel for the convenience of the Salt traders and manufacturers to go to the pans and to the platforms in Itchapoor.	500	.....	500	Do. do.
	4	For making a sluice and a shutter at the north of the main channel in do.	400	.....	400	Required to secure a sufficient quantity of water at the time of manufacture.
Ganjam	5	For making a new platform in do. ...	400	.....	400	A new platform is required to store the Salt.
	6	For making four wooden bridges across the ditch round the pans at Nowpada.	800	.....	800	Required to re-place the unsafe bridges made of palmitah and cocoanut trees, and so constructed that the planks in the middle of the bridge could be removed at dusk and re-placed in the morning.
	7	For making three wooden bridges across the ditch round the pans in Woomaravally.	600	.....	600	Do. do.
		Total...	4,150	.....	4,150	

PART I.—(Continued.)
Original Works.—(Continued.)
SALT DEPARTMENT.—(Continued.)

District.	PROJECTS.		Amount of Estimate.	Computed expenditure up to 30th April 1863.	Amount required for expenditure in 1866-67.	Remarks and References.
	No.	Description and Locality.				
1	2	3	4	5	6	7
Vizagapatam ...		II. CIVIL ADMINISTRATION.—(Contd.) C. REVENUE.—(Continued.)	Rs.	Rs.	Rs.	G. O. No. 677, dated 10th March 1865.
	8	Formation of new Salt-pans at Pentacottah ...	16,090	.....	10,000	G. O. No. 303 of 19th February 1864.
	9	Tanadar's Cutcherry at do. ...	1,130	.....	1,130	The existing pans are found in-
	10	Extension of the present pans at Dimlipatam ...	.....	.....	3,500	sufficient and now ones in extension of the old are urgently required, so this Budget provision is sought.
	11	Tanadar's Cutcherry at Pentacottah ...	.....	.....	1,000	In G. O. No. 303, a Cutcherry for the Tanadar of Bimlipatam was approved, but it was subsequently found that Bimlipatam was mentioned by mistake for Pentacottah.
	12	Road and road dam to connect the platform with the high road from Bimlipatam to Vizianagram.	10,000	.....	10,000	G. O. No. 410 of 24th February 1865.
	13	Tank at Bimlipatam ...	454	.....	454	G. O. No. 436 of 12th February 1865.
	14	Constructing certain small works in connection with, and enlarging the Salt platforms in the District.	2,510	1,644	120	Item No. 33 of Budget 1864-65.
		Total...	30,184	1,614	26,204	Order of Government, dated 31st August 1863, No. 2,506. Budget of 1865-66, No. 24.
	15	Improving Salt platforms at Buntumilly ...	11,000	.....	5,000	G. O. dated 12th January 1863, No. 430.
	16	Making a hedge to the north of Yendapilly swamp at Buntumilly.	720	.....	720	

Kistna	17	Do. to the Salt-pans at Manginapudi ...	950	.....	950	Do.
	18	Do. to do. at Chinna Ganjam ...	1,380	.....	1,380	Former Cutcherry washed away by the cyclone of 1st November 1864.
	19	Constructing a Salt Cutcherry at Manginapudi.	1,900	.....	1,900	Very much needed for the convenience of Lambadies who come with large droves of cattle for the purchase of Salt at Buntumilly.
	20	Do. a bridge across the Ellore high level canal at Perikeed.	7,000	.....	3,000	Required for passing off the drainage which accumulates near Argole, a dam is considered preferable to a bridge on account of the spread of the water.
	21	Constructing a road dam of 100 yards in length on the road between Argole and Puttagunta.	2,760	.....	2,760	G. O. dated 23rd February 1865, No. 515.
Nellore	22	Canal from Masulipatam basin to the Salt Kotar at Manginapudi.	61,720	.....	5,000	Order of Government, dated 24th June 1864, No. 1,844. Budget of 1864-65, No. 37. Budget of 1865-66, No. 94.
		Total...	87,430	.....	20,710	
	23	Constructing a metalled road from Dugarazapatam to the Store-yard.	6,300	1,856	4,444	Sanctioned in G. O. dated 17th October 1865, No. 3,096. Estimate not yet framed. This line is sanctioned in supersession of the one from Kelambakam to Vendalore for which an estimate of 25,000 Rupees is sanctioned in their Proceedings dated 26th April 1865, No. 1,108.
	24	Do. a new Salt Cutcherry at Kristnapatam ...	1,907	.....	1,907	
	25	Do. an inland Store-yard at Iskapalli ...	850	.....	850	
Madras	26	Raising a Salt platform at Tummalapenta ...	530	.....	530	
		Total...	9,587	1,856	7,731	
	27	Road from the Kattur at Kelambakam near Covelong to Chingleput.	.....	.....	18,000	
	28	Constructing the Salt platforms at Cheyoor ...	3,958	.....	128	The increased amount here entered is due to the extension of the channel.
	29	Excavating boat channels at do. ...	25,038	.....	25,038	
	30	Road over the platform at do. ...	2,334	.....	2,334	

PART I.—(Continued.)
Original Works.—(Continued.)
SALT DEPARTMENT.—(Continued.)

District.	PROJECTS.		Amount of Estimate.	Computed expenditure up to 30th April 1866.	Amount required for expenditure in 1866-67.	Remarks and References.
	No.	Description and Locality.				
1	2	3	4	5	6	7
Madras.—(Concluded.)		II. CIVIL ADMINISTRATION.—(Contd.)	Rs.	Rs.	Rs.	
	31	C. REVENUE.—(Continued.)				
	32	Constructing a bridge of 18 feet span at Cheyoor	561	.....	561	This room is required as the Treasury will be removed to the Catcherry on the platform.
	33	Do. three wooden girder bridges at do. ...	2,113	.....	1,413	
	33	Do. Treasury room in Peslikar's Catcherry at Cheyoor.	74	.....	74	
	34	For erecting a watch tower at the Cheyoor Salt-pans.	25	.....	25	Sanctioned in G. O. No. 1,291, dated 14th July 1863. These works are proposed in consequence of there being no accommodation for the Salt servants for the transaction of public business at the pans. There is no road whatever here and great delay takes place in the conveyance of Salt by carts to the export Store-yard at Covelong.
	35	For providing additional storage room at the Madras Kottar.	61,300	52,985	8,315	
	36	Erecting Salt Superintendent's Catcherry at Ennore.	1,900	.....	1,900	
	37	Do. do. at Vallur ...	1,600	.....	1,600	These hedges are proposed in consequence of Government having directed that Salt-pans as well as platforms should be enclosed by a hedge or a ditch.
	38	Do. do. 3 do. at Puldivak, Vayalur, and Kattur	4,740	.....	4,740	
	39	Road to connect the temporary platform and export Store-yard at Covelong.	3,930	.....	3,930	
	40	For enclosing the Salt Store-yards at the Ennore Depot by a mud wall with palmfrank leaves stuck on the top of it.	2,200	.....	2,200	For the safety of Salt in store.
	41	For enclosing the Covelong and Kelambakum pans and platforms with an aloe hedge about five miles in extent.	3,921	.....	3,921	
	42	For enclosing the Vadasumunijaray pans with an aloe hedge about 3½ miles in extent.	654	.....	654	
		Total...	1,14,348	52,985	74,833	

South Arcot ...	43	Construction of new roads at Markanum ...	2,762	.....	2,762	
	44	Do. of two tunnels ...	170	.....	170	
	45	Do. of a new road to the platform at Coodiacadoo.	90	.....	90	
	46	Do. of a short road from Poondiangoopam to the river.	200	.....	200	
	47	Do. of a tunnel near the Manavary pans ...	70	.....	70	
	48	Do. of four small locks ...	140	.....	140	
		Total...	3,432	.....	3,432	
Tanjore	49	Forming a new road from Vady Nos. 3 to 7 at Vadarnien.	500	.....	500	
	50	Constructing seven tunnels over channels intersecting approaches to the Salt Depot at Ad-rampatam, Kattumavaday, and Arasagaray.	770	.....	770	
	51	Extending platform at Adrampatam ...	500	.....	500	
	52	Constructing a bridge over the Nussuvunneyar between Tambikmallavenkotai and Adrampatam.	8,000	.....	8,000	
	53	Extending platform at Vadapady in the Neidavassal Division.	2,500	.....	2,500	
	54	Constructing a Salt Catcherry with watch tower for the Superintendent of Tranquebar.	980	.....	980	
	55	Do. do. Vadarnien ...	980	.....	980	
	56	Do. do. Tambikmallavenkotai ...	980	.....	980	
	57	Do. do. Adrampatam ...	980	.....	980	
	58	Do. do. Kattumavaday ...	980	.....	980	
	59	Do. do. Arasagaray ...	980	.....	980	
	60	Do. do. Neidavassal at Vadapady, Rs. 980	1,160	.....	1,160	
	61	Do. a watch tower at Tenpadi do. Divn., 180	610	.....	610	
	62	Embanking the Nussuvunniar river at Adrampatam.	500	.....	500	
	63	Constructing 20 small sluices in the Vadarnien Salt embankments for supplying the spontaneous beds with sea water, instead of cutting the banks every year as at present.	750	.....	750	
	64	Constructing a new surplus sluice in the Kodikalai road which also serves as a spontaneous Salt embankment.		.....	750	

PART I.—(Continued.)
Original Works.—(Continued.)
SALT DEPARTMENT.—(Continued.)

District.	PROJECTS.		Amount of Estimate.	Computed expenditure up to 30th April 1866.	Amount required for expenditure in 1866-67.	Remarks and References.
	No.	Description and Locality.				
1	2	3	4	5	6	7
		II. CIVIL ADMINISTRATION.—(Contd.)				
		C. REVENUE.—(Continued.)				
Tanjore-(Contd.)	65	Constructing four vents to lead the sea water into the Salt beds during the high tide at Kodikarai.	400		400	
	66	Repairing two flat boats for conveying Salt through the navigable river at Negapatam.	500		500	
		Total...	22,070		22,070	
Madura	67	Erecting a new Kotar at Vutanum ...	395		395	Estimates for several of these works have been submitted to Government by the Superintending Engineer, 8th Division. They are referred to in the Government Order, Department Public Works, dated 7th October 1865, No. 2,965, communicated with Board's Proceedings dated 14th idem, and the Collector states that the estimates for others, with three exceptions, have already been prepared by the Department Public Works, and that they will be submitted by them to Government. Although the amount of the works are below 2,500 Rupees, the particulars of each work is given for the information of Government.
	68	Do. a shed at do. ...	65		65	
	69	Enlarging platform at Viravanadapatam ...	1,770		1,770	
	70	Erecting a new Kotar at do. ...	395		395	
	71	Do. a shed at do. ...	65		65	
	72	Enlarging platform at Attengaray ...	135		135	
	73	Erecting a shed at do. ...	65		65	
	74	Filling up the hollow before the Kolaur as a place for bandies to halt in at do.	70		70	
	75	Raising embankment round pans to prevent inundation at Morecolum.	1,625		1,625	
	76	Erecting a shed at do. ...	65		65	
	77	Filling up the old pans at do. ...	290		290	
	78	Deepening and widening the channel to supply water to beds at do.	1,985		1,985	
	79	Enlarging platform at Maturagunadapatam ...	1,095		1,095	
	80	Erecting a shed at do. ...	65		65	
	81	Cutting a channel from the sea to the pan to supply the material for making Salt at do.	2,000		2,000	

Tinnevely	82	Filling up the pans done away with at Tara-cudy.	300		300	The nature of the works explains the necessity of the execution. The enlargement of platforms are required to increase their capacity to hold a larger quantity of Salt which should be manufactured.
	83	Do. do. at Mukayur ...	600		600	
	84	Do. do. at Valendkum ...	150		150	
	85	Do. do. at Ooppar ...	400		400	
	86	Do. do. at Ojundangudy ...	450		450	
	87	Do. do. at Kadukay ...	400		400	
	88	Do. do. at Caleangaray ...	640		640	
	89	Do. do. at Teethankathanom ...	1,140		1,140	
	90	Do. do. at Morecolum ...	300		300	
	91	Do. do. at Mutturaganathapatam ...	30		30	
		Total...	14,495		14,495	
	92	Raising the Salt platform at Carapaud at Tuticorin.	7,230		7,230	
	93	Widening and extending the Salt road up to the platform at Vaipar.	4,900	3,000	1,900	
	94	Widening the Salt road at Arasadi ...	3,500		3,500	
	95	Do. and improving the Salt road at Tuticorin.	14,300		5,000	
	96	Constructing a pavement across the Mathaghe-rias on the road No. — running along the beach connecting the several Salt stations.	3,000		3,000	
South Canara	97	Widening and improving the Salt road at Coil-patam.	3,650		3,650	The estimate is at present under con-sideration in the Superintending Engineer's Office. Order of Government, dated 16th August 1864, No. 2,346. Budget of 1864-65, No. 50. G. O. dated 16th June 1865, No. 1,676. Do. Estimate not yet prepared. G. O. dated 16th June 1865, No. 1,676.
	98	Constructing Cutcherry on the platform at Vaipar.	500		500	
	99	Do. do. at Arasady ...	500		500	
	100	Do. do. at Tuticorin ...	500		500	
	101	Do. do. at Coilpatam ...	500		500	
	102	Do. do. at Vizeapathi ...	500		500	
	103	Do. do. at Coothanjuli ...	500		500	
		Total...	39,580	3,000	27,280	
	104	Four Koties to contain 200 garces of Salt each, including junglewood partitions at Rs. 2,725 each at Mangalore.			10,900	

in the present Salt Works at Carapaud

PART I.—(Concluded.)
Original Works.—(Concluded.)
SALT DEPARTMENT.—(Concluded.)

District.	PROJECTS.		Amount of Estimate.	Computed expenditure up to 30th April 1866.	Amount required for expenditure in 1866-67.	Remarks and References.
	No.	Description and Locality.				
1	2	3	4	5	6	7
		II. CIVIL ADMINISTRATION.—(Conld.)				
		C. REVENUE.—(Concluded.)				
	105	Re-construction of the Talad or 2nd Koty at Mangalore.	Rs.	Rs.	Rs. 490	The new Koties are required for the purpose of having on hand a stock of Salt sufficient for two years' demand according to Board's Standing Circular No. 64 of the 3rd September 1864, and the new Cutcherries are required for the respective Salt Superintendents, there being no suitable accommodation for them and the Police Guards at present.
	106	One Koty to contain 100 garces, including junglewood partitions at Manjeshwar.	.....	.....	1,200	
	107	One do. to contain 100 do. including do. at Kasargode.	.....	.....	1,200	
	108	Cutcherry for Salt Superintendent at do. ....	.....	.....	220	
	109	One Koty to contain 100 garces, including junglewood partitions at Neleshwar.	.....	.....	1,200	
	110	Two do. to contain 100 do. each including do. at 1,200 Rupees each at Malpi.	.....	.....	2,400	Absolutely required as the existing Kallagra and Jalady Koties have been ordered to be transferred to other sites by Government with a view of reducing the number of manufacturing Depôts.
	111	Cutcherry for Salt Superintendent at Malpi ...	.....	.....	220	
	112	do. at Bajeo ...	.....	.....	220	
	113	One Koty to contain 100 garces, including junglewood partitions at Mabukal.	.....	.....	1,200	
	114	Cutcherry for Salt Superintendent at do. ....	.....	.....	220	
	115	Re-construction of the Kallagra Koty at Devaragra, including junglewood partitions at Angali.	.....	.....	400	
	116	Compound walls around Devaragra Koties at Angali.	.....	.....	1,200	
	117	Re-construction of the Jaladykoty at Chalanmakky, including junglewood partitions at Harnad.	.....	.....		
	118	Partitioning the undermentioned existing Koties with junglewood frame work :—	.....	.....		
		First Salt Koty at Mangalore... Rupees 500	.....	.....		
		Second or Talad do. at do. ... "	.....	.....		

South Canara.—
(Concluded.)

119	Two Koties at Rupees 340 each at Mulky	...	...	...	2,355	Government having ordered the partitioning of the existing Koties at the recommendation of Mr. T. Clarke, Member of the Board of Revenue, these works are proposed.
120	One do. at Mabukal	...	...	...	680	
121	One do. at Munjeshwar	...	...	...	320	
122	Koty No. 1 at Kasargode	...	...	...	255	
123	Do. No. 2 at do.	...	...	...	255	
124	One Koty at Nelishwar...	...	...	...	243	Absolutely required for the development of the Salt revenue, there being no road at present.
125	Road from Mabukal Koty to the river on the one side, and to the Brahmanwar high road on the other at Mabukal.	...	...	...	312	
126	Do. from Bassaur to Sherdi Koties and thence on to the Koteswar road via Arabet Koties in Angali Division.	...	...	...	400	
127	Do. from Arabet Koties to Devaragara and thence on to the Koteswar and Kundapur road at do.	...	...	...	1,600	
128	Do. from Chalanmakki Koties to Neralkatta on the Bassaur and Hossangadi road on the one side, and to the Yelur Koty via Hem-mady on the other in Harnad Division.	...	...	...	1,000	
129	Re-claiming a portion of the river bed, strengthening the stone revetments and raising the ground around the Koties at Mangalore.	...	...	...	3,600	Absolutely required to protect the Salt Koties from the annual mon-soon floods.
130	Putting partitions into the present Gollah at Cannanore.	...	...	...	1,720	
131	Do. do. at Tellicherry...	...	...	...		
132	Do. do. at Calicut	...	...	...	35,010	
133	Do. do. at Beypore	...	...	...	2,000	
134	An additional Gollah at do.	...	...	...	2,000	
135	New Gollah at Ponnani...	...	...	...	2,160	
136	Do. at Chowghat	...	...	...	1,820	
	Total...	...	...	...	11,090	
	Grand Total...	...	...	...	9,000	
		...	...	...	2,100	
		...	...	...	30,170	
		...	...	...	59,485	
		...	...	...	2,66,085	

(Signed) W. HUDESTON, Secretary.

in the present Salt Works at Mangalore

PART II.

REPAIRS.

CIVIL ADMINISTRATION "REVENUE."

Districts.		Amount of Estimate.	Remarks explaining the nature of the Items.
1	Ganjam	RS. 4,690	Current repairs. Absolutely necessary for the annual clearing of channels and tanks, the throwing up of bunds, the repair of hedges for protecting the stores, and for thatching, &c., the sheds erected for the convenience of Salt dealers.
2	Vizagapatam	3,200	For current and special repairs this sum is considered to be sufficient.
		1,000	Maintenance allowance for road from the Jeypore line at the 2nd mile out of Vizagapatam via Karassa to Gazawaka—See Budget for 1865-66.
		400	Maintenance allowance for road from Karassa to Gopalpatnam, two miles—See Budget for 1865-66.
		4,600	
3	Godavery	90	For deepening the old Salt creek of Karapa.
		180	For deepening the canal to Jukkaya platform of Penngudum.
		250	For do. do. leading to Mandagorum platform.
		80	For do. do. to Chitayapora platform.
		740	For do. do. leading to Ponnalaculna platform of Chollangi.
		150	For do. do. leading to Adinipara of Kongodu.
		100	For do. do. leading to Pettitippa of Gonipudi.
		410	For sundry repairs, such as closing breaches to irrigation channels for preventing sweet water from running into the Salt pans, &c.
4	Kistna	2,000	
		2,500	Repairs to Salt platforms, &c.
		800	Annual repairs for keeping in good order the Salt road from Inkole to Chinna Ganjam, eight miles.
		1,600	Do. from Gudivada to Bantumilly thirty-two miles.
5	Nellore	4,900	
		300	Repairs and extension of Store-yards, and formation of ditches and hedges at Chambadi Nuttu at Padarti Division.
		300	Do. do. do. at Vanayakum Nuttu at do.
		150	Do. do. do. at Para Nuttu in do. do.
		1,400	Do. do. do. at Chadrapu Nuttu at Pakala Division.
		1,200	Do. do. do. at Kachery buildings in Kistnapatnam Division.
		600	Do. do. do. at Turpu Nuttu in do. do.
		200	Do. do. do. at Gommaun Nuttu in Toda Division.
		300	Do. do. do. at Kunkudimanu Nuttu in do. do.
		400	Do. do. do. at Mahalakstuni Nuttu in Sunnapugunta Division.
		4,850	

PART II.—(Continued.)
REPAIRS.—(Continued.)
CIVIL ADMINISTRATION "REVENUE."—(Continued.)

Districts.	Amount of Estimate.	Remarks explaining the nature of the items.
	RS.	
6 Madras	135 76 176 2,530	Repairing Store Godown at the Madras Kotar. Do. three Guard-rooms at do. Do. the old Collector's Cutcherry at do. Turbing the two western platforms at do.
	2,917	
7 South Arcot	600 244 5 100 450 110 250 200	Raising a ridge round the pans at Goondalum. Repair of ridges and drainage at Thegavally. Do. of Salt Cutcherry at do. Do. of Platforms at Killey. Do. of Ridge at do. Do. of Salt Cutcherry at do. Do. of Platforms at Chunnurput. Do. of Salt Cutcherry at do.
	1,959	
8 Tanjore	100 600 100 20 200 1,500 300 25 400 100 65 1,000 1,500 500 500 100 500 500 150 63 12	Repairing approaches to Tenpadi Depot in the Neejavassal Division, and do. do. to Vadajadi do. in do. do. Improving Tenpadi platform in do. Repairing approaches from the main road to the Depot in Chendrapadi Division. Do. and turbing the platform in do. do. Repairing approaches from the Railway terminus to the new platform in the Negapatam Division. Repairing embankments round the pan to prevent the influx of fresh water from the surrounding rivers in the Negapatam Division. Removing accumulation of sand in the river to facilitate the transport of Salt in boats from the pan to platform in the Negapatam Division. Repairing approach from Platform No. 1 to No. 3 in Vedanchem Division. Repairing and turbing six platforms in do. Do. thatched Chankandy huts on five platforms in Vedanchem Division. Planting hedges of Talai bushes round do. in do. do. Repairing embankments of seven spontaneous salt beds in do. do. Removing accumulations in spontaneous salt beds in do. do. Repairing surplus sluices across Kodikari road in do. do. Repairing approaches to the Depot at Tambikennallavenkotai from main road from Adranpatam to Muttojetta in Tambikennallavenkotai Division. Repairing embankments to prevent the influx of fresh water from the Nussurunia river in Tambikennallavenkotai Division. Repairing approaches to the Depot at Adranpatam from the main road in Adranpatam Division. Repairing embankment to prevent the influx of fresh water from the Nussurunia river in Adranpatam Division. Repairing Road No. 22 from Archangy to Kattumavady in Ayepatam Division. Repairing approaches to the Depot at Kattumavady from main road in Ayepatam Division.

PART II.—(Concluded.)
REPAIRS.—(Concluded.)
CIVIL ADMINISTRATION "REVENUE."—(Concluded.)

Districts.	Amount of Estimate.	Remarks explaining the nature of the item.
	RS.	
Tanjore—Concluded...	50 30 150 30 20 50 * 4,200 * 2,000 * 1,500 * 5,855 * 3,630	Repairing embankment to prevent the influx of the sea into the pans at Kattumavady in Ayepatam Division. Constructing a Modavassal fence for the protection of the embankment at Kattumavady in do. do. Repairing approaches to the Depôts at Arasanageri from main road in Arasanageri Division. Repairing and turbing one platform in do. do. Repairing thatched Chankandy huts on one platform in Arsanagan Division. Repairing embankment to prevent the influx of fresh water from the Jungle stream in do. do. Repairing road from Minpessel to Mullupettai. Do. from Arasanageri to Kanuargudi. Do. No. 15 from Combaconum to Nidamungalum Road from Kattumavadi Salt Depot to the point where the road from Aroomtanghi to Ayepatam road branches off. Roads from roads Nos. 32 and 44 to the Neidavassal Salt Depôts.
	26,185	
9 Madura	2,000	Repairs to Salt works.
	500 500 600 500 500 500 500 1,000 800 550	Repairs to Salt platforms, pans, &c., at Vaipaur. Do. do. at Manjancolum. Do. do. at Arasady. Do. do. at Tuticorin. Do. do. at Palayacovil. Do. do. at Coilpatam. Do. do. at Coolasagarapatam. Do. do. at Vizayapathay. Do. to Vaipaur Salt road. Do. to Arasady, G. O. dated 3rd June 1864, No. 1,631. Do. to Coilpatam, G.O. dated 5th September 1864, No. 2,571. Do. to Vizayapathay approaches.
10 Tinnevely	6,900	
	420 77 1,000 150 650 63 12	Thatching the Salt Gollah at Cannanore. Repairing and thatching the Salt Gollah at Tellicherry. Repairing the Salt Gollah at Beypore. Do. do. at Calicut. Do. and thatching the do. do. at Ponnani. Do. do. at Chowghat. Do. do. at Madilugum.
11 Malabar	2,372	
Grand Total	63,373	

* NOTE.—To be re-imbursed to the Local Funds in consequence of provision having been made for these repairs to Salt works in the Supplemental Local Fund Budget of Tanjore for 1865-66, as approved in G. O. dated 27th October 1865, No. 2,635, B. D.

(Signed) W. HUDLESTON, Secretary.

in the present Salt Works at Arasageri

Proceedings of the Board of Revenue.

dated 18th January 1866.

The Board resolved to submit the usual Budget Estimate of original works and Repairs to be executed for the development of the Salt Revenue in the several Districts of the Madras Presidency during the Official Year 1866/67.

2. Among the several works proposed by the Collectors in their lists of original works, the provision for the construction of a new Salt Cutchery at Ramapatnam, and that of a Store yard at Gangapatam in the Nellore District have been struck out by the Board as these two places of Manufacture and Sale are about to be abolished. In Madras also the estimate for the erection of 7 watch Towers at Cheyoor Salt Pans amounting to Rs 175 has been reduced to Rs 25, as the Board consider that one Tower will be enough.

3. The Collector of the G. and S. District entered in the Budget an item of 16000 Rupees for carrying out the alterations proposed by Mr. Clarke in the present Salt Works at Garapah

but neither specified any particulars of the Works nor proposed any expenditure during the ensuing year 1865/67. The item has therefore been omitted from the Budget now submitted.

4. Out of the Estimates forwarded to the Board of Revenue with the Order of Government dated 3rd October 1865 No 2385 Revenue Department some were disallowed and others which are considered necessary have been included in the present Budget as intimated in the Board's Proceedings dated 12th January 1866.

5. In the Budget of repairs the Collector of Nellore has provided for the repair and extension of several Store Yards and the formation of ditches and hedges. Those noted in the ~ Margin have been struck out by the Board as several of these places are to be done away with as places of Manufacture and sale.

Store Yards	Rs
in Uttarapa Nutter	300
Tropu Nutter	200
Line Nutter	700
Debra Nutter	200
Gogalaputter	500
Nachini Nutter	700
Mannaba Nutter	100

6. The Collector of Godavery provided for the construction of a large number of Platforms, but as it has been ordered by Government in accordance with the recommendation of Mr Clarke that the Plans in all other villages except

Government Order
11th May 1865

Pennagudum should be closed, the Board consider that the provision made by the Collector is unnecessary. It has however been retained in the Budget and the Collector will be requested to state if these works are still necessary, and whether he has any objection to close these Plans as already contemplated.

7. In Tanjore a sum of Rs 17,185 was allowed to be spent in the current official year 1865/66 upon repairs of certain Salt roads which are imperial lines, on the understanding that the amount spent in the current official year is to be reimbursed to the Local Fund from imperial funds next year. The necessary provision has accordingly been made in the present Budget, the arrangement having been approved in the order of Government dated 27th October 1865 No 2635.

8. The Collector of Nellore has submitted with his Budget, Plans and Estimates for some of the work. They will be returned to the Collector in order that the necessary sanction of

of Government may be obtained through the Superintending Engineers.

9. With reference to the Proceedings of Government dated 31st October 1865 N^o 2787 Financial Department a list of the works entered in the Budget now submitted and which are to be executed by the Deputy Collectors of the Salt Department will be separately submitted so soon as the returns called for from the Districts are received.

* Communicated with the Proceedings of Government dated 12th December 1865 N^o 3012.

With reference to the Proceedings of Government dated 12th December 1865 N^o 3012.

10. The following abstract shows the estimated charges for the year 1866/67 with the percentage on the Salt Revenue of Rs. 1274.

Districts	Estimated cost of new works	Estimated cost of repairs	Salt Total Revenue of Rs. 1274	Percentage
Ganjani	4,150	4,690	8840	13,81,384 . . 63
Nizagapattam	26,204	4,600	30,804	3,02,657 1 . 17
Godavery	"	2,000	2,000	4,10,158 . . 48
Elstna	20,710	4,900	25,610	6,81,683 3 . 75
Nellore	7,731	4,850	12,581	12,25,862 1 . 02
Madras	74,833	2,917	77,750	18,57,828 4 . 18
South Arcot	3,432	1,959	5,391	5,27,568 1 . 40
Tanjore	22,070	26,185	48,255	9,92,360 4 . 86
Madure	14,495	2,000	16,495	5,83,698 2 . 82
Tinnevely	27,280	6,900	34,180	6,10,901 5 . 59
South Canara	35,010	"	35,010	5,54,391 6 . 31
Malabar	30,170	2,372	32,542	7,82,731 4 . 15
Total	266,085	63,373	329,458	99,17,221 3 . 32

11. The delay in the submission of these Estimates is owing to the late receipt of the Budget from the Malabar District which reached the Board only on the 30th December 1865.

(Attest Extract)

Secretary

To,
J. D. Sim Esq.,
Secretary to Government
Revenue Department
with 2 statements

By *[Signature]*

13

transferred to the
Department of Public
Works for disposal.

L. Belcher
Acting Secy
22nd January
1866-5.

Dec 1866 (2nd 4th 10
1867) 1867
Pro. of the Board of the
Board of General
No 229

22nd 1867
Dec 1867
No 229
E. 2.

Submarine Budget
Estimate of ordinary
works and repairs to be
executed for the complete
term of the salt revenue
in the several districts
of the Madras Presidency
during 1866/67—

1865

1867 22nd March 1866

21st May 1866-22nd

transferred

Public Works Budget

Part
Original
Fall DeI
Works
Department.

For 1866/67

(11)

District	No.	Projects		Amount of Estimate	Computed Expenditure up to 30 th April 1866	Amount required for Expenditure in 1866/67	Remarks and References
		Description and Locality	Revenue				
Gangam		II. Civil Administration					
	1	For cutting channels to a distance of about 2640 feet		1100		1100	A channel is necessary to connect the ponds, for supplying water sufficiently to all the districts.
	2	For making a wooden bridge across the backwater near the Hunnooacda Platform		350		350	Required to replace the unsafe bridge made of Coconut trees.
	3	For making a wooden bridge over the main channel for the convenience of the Salt Traders and Manufacturers to go to the Pans and to the Platforms in Itchapora		500		500	D ^o D ^o D ^o
	4	For making a sluice and a shutter at the north of the main channel in - D ^o		400		400	Required to secure a sufficient quantity of water at the time of manufacturing.
	5	For making a new Platform in D ^o		400		400	A new Platform is required to be in the
	6	For making 4 wooden bridges across the ditch round the Pans at Noopada		800		800	Required to replace the unsafe bridge made of Almirah & Coconut trees & to construct that the planks in the middle of the bridge could be removed at such & placed in the morning.
	7	For making 3 wooden bridges across the Ditch round the Pans in Noomaraully		600		600	D ^o D ^o D ^o
		Total.		4150		4150	
Vizagapatam	8	Formation of new Salt Pans at Pentacottah		16090		10000	G.O. No 677 of 10 March 1865.
	9	Tanadars Cutchery at D ^o		1130		1130	G.O. No 503 of 19 February 1865.
	10	Extension of the present pans at Bimlipatam				3500	The existing Pans are found insufficient, new ones in extension of the old are urgently required so this Budget Provision is sought.
	11	Tanadars Cutchery at Pentacottah				1000	In G.O. No 303 a Cutchery for the Tanadars of Bimlipatam was approved but it was subsequently found that Bimlipatam was merged into Vizagapatam & must take for Pentacottah.
	12	Road & Road dam to connect the Platform with the high road from Bimlipatam to Vizagapatam		10000		10000	G.O. No 410 of 24 February 1865.
	13	Tank at Bimlipatam		454		454	G.O. No 436 of 12 Feb'y/65.
	14	Constructing certain small works in connection with and enlarging the Salt Platforms in the District		2570	1644	1204	Item No 33 of Budget 1864/65.
		Total.		30184	1644	26204	

District	Projects	
	Description and Locality	
Madras	15 Improving Salt Platforms at Buntumilly	
	16 Making a bridge north of Gendapilly Swamp at Buntumilly	
	17 D. to the salt pans at Manginapudi	
	18 D. to D. at Chenna Sanjam	
	19 Constructing a salt Cutchery at Manginapudi	
	20 D. a Bridge across the Ellone high level canal at Perikud	
	21 Constructing a road dam of 100 yards in length on the road between Argole & Pattapunta	
	22 Canal from Masalepatam Basin to the salt pits at Manginapudi	
	Total	
	23 Constructing a metalled road from Dugarazupatnam to the stone yard	
	24 D. a new salt Cutchery at Christnapatnam	
	25 D. an Inland Storeyard at Ishapalli	
	26 Raising a salt platform at Summalapenta	
	Total	
	27 Road from the Kattur at Kelumbakam near Covelong to Chingleput	
	28 Constructing the salt Platforms at Cheyoor	
	29 Excavating Boat channel at D.	
	30 Road over the Platform at D.	
	31 Constructing a bridge of 18 feet span at D.	
	32 D. 3 Wooden gadar Bridges at D.	
	33 D. Treasury Room in Peshkars Cutchery at Cheyoor	
	34 Erecting a watch tower at the Cheyoor salt pans	
	35 Providing additional storage room at the Madras Mottar	

Amount of expenditure required up to 30 April 1866			Remarks and References
1866	1866/67	1866/67	
11000	5000	5000	Order of Govt of 31st April/63 No. 2506 Budget of 1865/66 No. 74
720	720	720	GO of 12 January/63 No. 430
950	950	950	
1380	1380	1380	
1900	1900	1900	Former Cutchery washed away by the Cyclone
8180	2511	2511	Very much needed for the convenience of Lambadi, who come with large droves of cattle for the purchase of salt at Buntumilly
4000	3000	3000	
2760	2760	2760	Required for passing off the drainage which accumulates near Angole a dam is considered preferable to a budget on account of the speed of the work
61720	5000	5000	GO of 23rd Feb/65 No. 575
87430	20710	20710	
6300	1856	4444	Order of Government of 24 June/64 No. 1818 Budget of 1864/65 No. 37 Budget of 1865/66 No. 9
1907	1907	1907	
850	850	850	
530	530	530	
9587	1856	7731	
18000	120	120	Sanctioned in GO of 17 Oct/65 No. 3096 Estimate not yet framed. This line is sanctioned in duplicate of the one from Kelumbakam to Vindulur for which an estimate of 25000 Rs. is sanctioned in the Pro. of 26 April/65 No. 1108.
3950	120	120	
25038	25038	25038	The increased amount here entered is due to the extension of the channel.
2334	2334	2334	
561	561	561	
2113	1413	1413	
74	74	74	This room is required as the Treasury will be removed to the Cutchery on the Platform
25	25	25	
61300	52985	8315	Sanctioned in GO No. 1291 of 14 July/63.
95403	52985	55888	

District
 Madras (Continued)
 South Arcot
 Tanjore

Projects

No	Description and Locality	3
36	Erecting salt Superintendants Cutchery at Ennore	Strength over
37	D. D. D. at Pullur	
38	D. D. D. at Pulidivak	
39	Vayalur and Kattur	
40	Road to connect the temporary platform and Export Storeyard at Covelong	
41	For enclosing the salt Store yards at the Ennore Depot by a mud wall with Palmaria leaves stuck on the top of it	
42	For enclosing the Covelong and Kelambattam pans & Platforms with an Aloe hedge about 5 miles in extent	
43	For enclosing the Vadasumparay pans with an aloe hedge about $3\frac{3}{4}$ miles in extent	
Total.		
44	Construction of new Roads at Marhamun	
45	D. of 2 Tunnels	
46	D. of a new Road to the Platform at Cordiacados	
47	D. of a short Road from Pondeangor sum to the river	
48	D. of a tunnel near the manavary pans	
49	D. of 4 small locks	
Total.		
50	Forming a new Road from Vady No 3 to 7 at Vadamin	
51	Constructing 7 Tunnels over channels intersecting approaches to the Salt Depot at Adrampatam	
52	Extending Platform at adrampatam	
53	Constructing a bridge over the Mussumunneyar between Tambitunallavenkottai & Adrampatam	
54	Extending Platform at Vadapadi in the N. Division	

Annexed

Estimated	Amount of expenditure required up to 30 April 1866	Amount of expenditure in 1866/67	Remarks and references
4	5	6	7
95403	52985	55888	
1900	"	1900	These works are proposed in consequence of there being no accommodation for the salt servants for the transaction of Public business at the pans.
1600	"	1600	
4740	"	4740	
3930	"	3930	There is no Road whatever here and goods take place in the conveyance of salt by cart to the Export Store yard at Covelong.
2200	"	2200	For the safety of salt in stone
3921	"	3921	These hedges are proposed in consequence of Govt having directed that salt pans as well as Platforms should be enclosed by a hedge or a ditch.
654	"	654	
114348	52985	74833	
2762	"	2762	
170	"	170	
90	"	90	
200	"	200	
70	"	70	
140	"	140	
3432	"	3432	
500	"	500	
770	"	770	
500	"	500	
8000	"	8000	
2500	"	2500	
12270	"	12270	

Projects

District	No	Description and Locality	7
1	2	3.	

Amount	Computed Amount	Expenditure required	up to	for	Remarks and References
estimate	30 April	Expenditure	in		
1866.	1866/67				

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5 P_1 12270
6 P_1 12270
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✓ 390. ✓ 390 Summary of
✓ 65 ✓ 65 been submitted to Govt by the Superintendent
Eng & Division. They are referred to

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the Govt Order J.P. 1770
Communicated with B.D. Pro. 1770

✓ 65 ✓ 65 & the Collector states that
✓ 135 ✓ 135 for others with three exceptions, have
been paid by the D.P.H.

v 65 65 already been prepared
and that they will be submitted by

70 70 then to Government. —
3050 3050 3/2/1911

Surfone (continued)

Maclura

Projects

District	No.	Description and Locality		Brought over
1	2	3		
Madura (Continued)	75	Raising embankment round pans to prevent inundation at Morecolum		
	76	Erecting a shed at D ^o		
	77	Setting up the old pans at D ^o		
	78	Deepening and widening the channel to supply water to Beds at D ^o		
	79	Enlarging Platform at Matturaganadapatam		
	80	Erecting a shed at D ^o		
	81	Cutting a channel from the sea to the Pan to supply the material for making Salt at D ^o		
	82	Setting up the Pans down away with at Taracudy		
	83	D ^o D ^o D ^o at Mutayur		
	84	D ^o D ^o D ^o at Valenahur		
	85	D ^o D ^o D ^o at Ooppar		
	86	D ^o D ^o D ^o at Oundangudy		
	87	D ^o D ^o D ^o at Padukay		
	88	D ^o D ^o D ^o at Calcanagaray		
	89	D ^o D ^o D ^o at Tethan. Kallahom		
	90	D ^o D ^o D ^o at Morecolum		
	91	D ^o D ^o D ^o at Matturaganatha: } =patam }		

Tiruvellur	92	Raising the Salt Platform at Carapand at Saticorin		
	93	Widening and extending the Salt Road up to the Platform at Veipar		
	94	Widening the Salt Road at Arasadi D ^o and improving the Salt Road at Saticorin		

Amount		Amount		Remarks and References.
Estimate	1866	up to 30 April 1866	Expenditure required from 1866/67 in	
4 th	5 th	6 th	7 th	
2960	-	2960	-	
1625	-	1625	-	Although the amount of the Works are below 2500
65	-	65	-	Rupies the particulars of each work is given for the information of Government
290	-	290	-	
1985	-	1985	-	
1095	-	1095	-	The nature of the Works explains the necessity of the execution. The enlargement of Platforms are required to increase their capacity to hold a larger quantity of Salt which should be manufactured.
65	-	65	-	
2000	-	2000	-	
300	-	300	-	
600	-	600	-	
150	-	150	-	
400	-	400	-	
450	-	450	-	
400	-	400	-	
640	-	640	-	
1140	-	1140	-	
300	-	300	-	
30	-	30	-	
14495	-	14495	-	
7230	-	7230	-	The estimate is at present under consideration in the Superintending Engineers Office.
4900	3000	1900	-	Order of 16 April/64 No 2346 Budget of 1864/65 No 50.
3500	-	3500	-	G.O. of 16 June/65 No 1676 D ^o
14300	-	5000	-	

District

Project,

No. Description and Locality

Amount of Estimate 1866
 Computed Amount of up to 30 April 1866
 Amount required for expenditure in 1866/67

Remarks and References

South Kanara

96 Constructing a pavement across the
 Matlagheria on the Road No. running along
 the beach connecting the several salt stations
 Widening and improving the Salt Road
 at Coilpatam

4 5 6
 29930 3000 17630

3000 - 3000 Estimate not yet prepared

3650 - 3650 G.O. of 16 June 1865 No. 16767

98 Constructing Cutchery on the Platform at Tynpar
 99 D. D. D. at Arasady
 100 D. D. D. at Tuticorin
 101 D. D. D. at Coilpatam
 102 D. D. D. at Dzeapattu
 103 D. D. D. at Cothanjuli

500 500
 500 500
 500 500
 500 500
 500 500
 500 500

39580 3000 27280

Total

104 4 Kotes to contain 200 garces of salt each,
 including junglewood partitions at Rs. 1725 each
 at Mangalore
 105 Reconstruction of the Salad or 2nd Kote at D.
 106 One Kote to contain 100 garces, including jungle
 wood partition, at Mangeshwar
 107 One D. to contain 100 D. including D.
 at Kasargoode
 108 Kacheri for Salt Superintendent at D.
 109 One Kote to contain 100 garces, including
 junglewood partitions at Neleshwar
 110 Two D. to contain 100 D. each including
 D. at 1200 Rupees each at Malpi

10900
 490
 1200
 1200
 220
 1200
 2400

The new Kotes are
 required for the purpose of
 having on hand a stock of
 salt sufficient for 2 years
 demand according to Board's
 standing circular No. 64 of the
 3rd September 1864 and the new
 Kacheries are required for the
 respective Salt Supdts. there
 being no suitable accomodation
 at the Police Inamdar's present

Project

Amount ^{Computed} Amount
of Expenditure required
Estimate 30 April 1866 ^{for} Expenditure
in 1866/67

Remarks and References

South America (continued)

111 Katcheri for Salt Superintendent at Malpe
 112 Do Do Do at Bajee
 113 One Koly to contain 100 garces including
 Junglewood partition, at Mabukal
 114 Katcheri for Salt Superintendent at Do
 115 Reconstruction of the Hallagra Koly at
 Devaragra, including Junglewood par:
 tition, at Angali
 116 Compound Walls around Devaragra Koly
 at Angali
 117 Reconstruction of the Jalaury Koly at
 Chalanmatty, including Junglewood
 partitions at Parnao
 118 Partitioning the undermentioned existing
 Koly with Junglewood frame work
 1st Salt Koly at Mangalore Rs 500
 2nd or Taldol Do at Do 290
 3rd or China Do at Do 335
 4th or Coir Do No 1 at Do 615
 5th or Do No 2 at Do 615
 119 2 Koly at Rs 340 each at Mully
 120 1 Do at Mabukal
 121 1 Do at Gruneshwar
 122 Koly No 1 at Stavagore
 123 2 No 2 at Do
 124 1 Koly at Melishwar
 125 Road from Mabukal Koly to the river
 on the one side and to the Brahmanwar high
 Road on the other at Mabukal

Carried over

5	6
m	m
	17610
	220
	220
	1200
	220
	1200
	400
	1200
	2355
	680
	320
	255
	255
	243
	312
	400
	27090

Absolutely required as the existing Watagaya & Jalory notes have been ordered to be transferred to other sites, by Govt. with a view of reducing the number of manufacturing Depôts

Government having ordered the partitioning of the existing Notars at the recommendation of Mr. J. Clarke Member of the Board of Revenue these works are proposed.

Absolutely required for.

Projects

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South Canara (Continued)

Malabar

No.	Description and Locality
126	Road from Bassaur to Sherdi Kotes and thence on to the Koteswar road via Arabet Kotes in Angali Division
127	Road from Arabet Kotes to Devaragara and thence on to the Koteswar & Kundapur road at D.
128	Road from Chalanmatti Kotes to Neralhatta on the Bassaur & Hossangadi road on the one side and to the Yelus Kote via Hemmady on the other in Kannad Division
129	Reclaiming a portion of the river bed strengthening the stone revetments and raising the ground around the Kotes at Mangalore
130	Putting partition into the present Gollah at Cannanore
131	D. D. D. at Tellicherry
132	D. D. D. at Calicut
133	D. D. D. at Beypore
134	An additional Gollah at D.
135	New Gollah at Ponnani
136	D. at Chowghat

Total

Total

Grand Total

Amount	Estimated	Amount	Remarks and References
of up to 30 April 1866	Expenditure required for expenditure in 1866/67		
4	5	6	7
Rs	Rs	Rs	
		27090	
		1600	for the development of the Salt Revenue there being no road at present.
		1000	
		3600	
		1720	Absolutely required to protect the Salt Kotes from the annual monsoon floods.
		35010	
2000		2000	
2000		2000	
2160		2160	
1820		1820	
11090		11090	
9000		9000	
2100		2100	
30170		30170	
355446	59485	2660857	

Secretary

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the

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Part II
Repairs
Civil administration "Revenue" 63

Enclosure in Proceedings
of the Board of Revenue
to the Secretary to Govt. B.D.
dated 18th January 1866.
J.

Rev-192/66.

Rev-192/66.

Part I
Original works
Salt Department

Districts	Amount of Estimate	Remarks explaining the nature of the items
1. Ganjam	Rs. 4690 4770	Current repairs: Absolutely necessary for the annual clearing of channels & for the throwing up of Bunds, the repair of dykes for protecting the stores and for watching the stores created for the convenience of Salt Dealers.
2. Vizagapatnam	3200 11719- 1000 1382 400 4600	For current and special repairs in con- sistence to be sufficient. Maintenance allowance for road from the Sijuna Line at the 2 nd mile out of Vizagapatnam via Kharasa to Jagawatha see Budget for 1865/66. Maintenance allowance for road from Kharasa to Sopalpatnam 2 miles see Budget for 1865/66.
Godavery	90 180 250 80 740 150 100 410 2000	For deepening the old salt creek of Kharasa. For deepening the canal to Sukkawa Platform of Mangudum. For S. D. leading to Mandajorum Platform. For S. D. to Chitturapora Platform. For S. D. leading to Ponnalaculua Platform of Chollurigi. For S. D. leading to Pellinguram of Kongodlu. For S. D. leading to Pottitipala of Sonjira. For sundry repairs such as closing breaches to irrigation channels for preventing sweet water from running into the salt pans.

Total 2000

District	Amount of Estimate	Remarks explaining the nature of the items
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4. Krishna	2500	Repair to salt Platforms &c.
	800	Annual repairs for keeping in good order the salt pond from Entole to Chinnia Ganjam 8 miles.
	1600	Do. from Gundlur to Bantam 32 miles
	4900	

300	Repair and extension of Storehouses and formation of ditches and levees at Chembai Station at Padarti Division
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300	Do. Do. Do. at Vamarakum Station at Do.
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150	Do. Do. Distara Station in Do. Do.
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1400	Do. Do. Do. at Chadurapu Station at Pakala Division.
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5. Vellore

1200	Do. Do. Do. at Railway buildings in Krishnapatnam Division
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600	Do. Do. Do. at Surpu Station in Do. Do.
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200	Do. Do. Do. at Gommam Station in Toda Division
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300	Do. Do. Do. at Kunthimannu Station in Do. Do.
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400	Do. Do. Do. at Mahabaleswaram Station in Sanna Jagunta Division
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Total 5000 4850

District	Amount of Estimate	Remarks explaining the nature of the items
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6. Madras

135	Repairing stone godown at the Maun Kottar
76	Do. 3 Inad rooms at Do.
176	Do. the old collector's bachelery at Do.
2530	Surfing the two Western Platforms at Do.

2917

South Arcot

600	Repairing a ridge round the Pans at Goudalun
244	Repair of ridge and drainage at Theeguram
5	Do. of Salt Cutchery at Do.
100	Do. of Platforms at Kellay
450	Do. of Ridge at Do.
110	Do. of Salt Cutchery at Do.
250	Do. of Platforms at Sennampet
200	Do. of Salt Cutchery at Do.

1959

Sanjore

400	Repairing approaches to Sempadi Depot in the Nedavassal Division and Do. Do. to Vadapadi Do. in Do. Do.
600	Improving Sempadi Platform in Do.
100	Repairing approaches from the main Road to the Depot in Chendrapadi Division
20	Do. and turfing the platform in Do. Do.
200	Repairing approaches from the Railway terminus to the new platform in the Nagapattinam Division

District	Amount of Estimate Rs	Remarks explaining the nature of the item
Tanjore (Cont.)	1500	Repairing embankments round the pan to prevent the inflow of fresh water from the surrounding rivers in the Nagapalam Division
	300	Removing accumulation of sand in the river to facilitate the transport of salt in boats from the pan to the platform in the Nagapalam Division
	35	Repairing approach from Platform No. 1 to No. 2 in Vedarangam Division
	400	Repairing & turfig 6 Platforms in do.
	100	5. Thatched Charitandy huts on 5 plat. forms in Vedarangam Division
	65	Planting hedges of Calai bushes round do. in do. do.
	1000	Repairing embankments of 7 sponta. neous salt beds in do. do.
	1500	Removing accumulations in sponta. neous salt beds in do. do.
	500	Repairing surplus sluices across Kodes. Kavai pond in do. do.
	500	Repairing approaches to the Depot at Sambikinalaven Kotai from main road from Adampalam to Mullin. petta in Sambikinalaven Kotai Division

District	Amount of Estimate Rs	Remarks explaining the nature of the item
Tanjore (Cont.)	100	Repairing embankments to prevent the inflow of fresh water from the Nussur. vunna river in Sambikinalaven Kotai Division
	500	Repairing approaches to the Depot at Adampalam from the main road in Adampalam Division
	200	Repairing embankment to prevent the inflow of fresh water from the Nussuvunna river in Adampalam Division
	500	Repairing road No. 22 from Ardhangy to Kallumavady in Ayeypalam Division
	150	Repairing approaches to the Depot at Kallumavady from main road in Ayeypalam Division
	50	Repairing embankment to prevent the inflow of the sea into the pans at Kallumavady in Ayeypalam Division
	30	Constructing at Madavassal fence for the protection of the embankment at Kallu. mavady in do. do.
	150	Repairing approaches to the Depots at Arasanageri from main road in Arasanageri Division
	30	Repairing & turfig one platform in do. do.

District	Amount of Estimate	Remarks explaining the nature of the item
	20	Repairing thatched bankamint on one Platform in Arsanagiri Div.
	50	Repairing embankment to prevent the influx of fresh water from the single stream in do. do.
	* 4,200	Repairing road from Nimmessel to Kullupalladi
	* 2,000	do. from Arsanagiri to Panmarandi
	* 1,500	do. No. 15 from Combacorum to Nidamungalam
	* 5,855	Road from Kattumavadi salt depot to the point where the road from Aramlanghi to Ayapatam road branches off
	* 3,630	Road from road No. 32 and 44 to the Nidavasal salt depot
	26,185	

Note. To be reimbursed to the Local Funds in consequence of provision having been made for repairs to salt works in the supplemental Civil Fund Budget of Sanjiv for 1865/66 as approved in G.O. dated 27th October 1865 No. 2635 C.D.

9. Madhira —
Salt Works 1150

2000 Repairs to Salt Works

10. Tinnevely —

500	Repair to salt Platform Pindil Vairan
500	do. do. at Manjauvolum
600	do. do. at Arasady
500	do. do. at Suticorni
500	do. do. at Palayacovil
500	do. do. at Coilpatam
500	do. do. at Coslasagarapattam
1000	do. do. at Vijayapathay
800	do. to Vairan salt road
✓ 550	do. to Arasady G.O. 83 rd June/64 No. 1631
✓ 450	do. to Coilpatam G.O. 85 th Sept/64 No. 2571
500	do. to Vijayapathay approaches

District	Amount of Estimate	Remarks explaining the nature of the item
	420	Thatching the salt Godah at Pannanore
	77	Repairing & thatching the salt Godah at Tellicherry
	1000	Repairing the salt Godah at Kappone
	150	do. do. at Calicut
	650	do. & thatching the do. do. at Ponnani
	63	do. do. at Kozhikott
	12	do. do. at Madikulam
	2372	
Grand Total	63373	

Anderson
Secretary

Enclosure in Proceedings
of the Board of Revenue
to the Secretary to Government
R. D. dated 18th Jan^y 1866.
H

Rev: 192/66.

W 309/66

Pres. 3rd March 1866 L. 55

Part II
Repairs
Civil Administration
Revenue.

Account Public Works Dept
No 73

Proceedings of the Madras Government
Under date the 3rd Jan^y 1866
Read the following

Proceedings of the Board of
Revenue
Submitting Budget Estimates
of original works and repairs
to be executed for the develop-
ment of the Salt Revenue
in the several Districts of the
Madras Presidency during 1866/67.

(Here enter 18th January 1866
H)

With their Honors
above recorded, the
Board of Revenue sub-
mit the Budget of works
which they recommend
for execution during the year
1866/67 for the development
of the salt revenue in
this Presidency. The re-
quirements under the head
"New Works" and "Repairs"
are Rs. 2,66,085 and 63,373
respectively. The se-

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2 These statements having been received after the closing of the Imperial Budget, could not be considered in conjunction with the Superintending Engineer's estimates for the ensuing year. Of the new works which are proposed by the Board, funds have been allotted in the Budget of 1866/67 for those noted in the margin.

Part I

Item No 15 Rs 5000
 23 (as follows) 4444
 These works not included in the Board's Statement have been entered in the Imperial Budget -

	Amount allotted
Improvements to the new hall -	
Pavement at Linguebar - Bangalore	3000
Road from Achen to the Jain temple	
Part of hall - Bangalore -	17,000
Hall - road from Bangalore to Channarayana -	
to Channarayana - Bangalore -	2800

3 No estimates have yet been submitted to Government for a large number of the works entered in Part I. As the cost of several of these works is less than Rs 2,500 each, and the estimates cannot

under the rules, be inserted in the Budget, the fact, which is required for their execution must be supplied from the Government under Civil Building. With the very inadequate grant which is annually made for Public Works in this Presidency, it is impracticable in any one year to allot the whole of the funds which are applied for by the Board. These statements under review will accord with the Government's policy of economical expenditure. A few of the most pressing works being selected for execution in the coming year.

Such of the works entered in the Board's Statement as may be left unfinished at the close of the current year, and not specially provided for in the Budget of 1866/67, should be included in the Return of incomplete works which the Superintending Engineers have been desired to submit to Govt. early in May next, when grants will be allotted for their completion.

The Govt. do not understand why the Pannadan's Catchment at Pentalcottah is twice entered in the Board's Budget. The order which

See para 18 of G. O.
No. 4057/15 Feb/66

* Items 9 and 11

See remark opposite to Item 11.

is quoted opposite to the first of the entries conveyed sanction to an Estimate of Rs. 1130 for a Ditchery at Binlipatam, which is now shown to have been mentioned by mistake for Pentalcottah.

~~The Ditchery at the latter station was sanctioned in G. O. No. 126, dated 12th Feb. 1864.~~ The Board will be requested to furnish further information regarding these entries.

An Estimate of Rs. 10,000 is shown to have been sanctioned in G. O. No. 119, dated 21st Feb. 1865, for a road and pond "down to connect the flat form with the high road from

from Bimlipatnam to the
"Virginia" ~~Port~~.

As this order cannot
be made, the Board of
Revenue will be desired to
furnish a copy.
The estimate of Rs.
454 for a tank at Bim-
lipatnam, altho sub-

mitted to Government
with the Board's Proceed-
ings of the 4th Feb, 1864,
has never been formally
sanctioned by Govt.

The estimated cost
of the salt platforms
at Cheyoor is entered at
Rs. 3958 and Rs. 128 are
proposed for expenditure
during 1866/67. The
Govt. observe that the

Vide Item 26

of Budget of 1865/66.

amount of the sanctioned
estimate is Rs. 3,950, and
that that sum will be
traced in full in the
Budget of the current
year, and is now at the
Superintending Engineer's
disposal. Rs. 25038 are en-
tered as the probable

cost of excavating
Boat channels at Cheyoor.
The period estimate which
was called for in G.O.
No. 2677, dated 15th Sept.

1864, should be submitted
for sanction at an early
date.

Item 66 of the
Board's Budget, being
a repair, should have
been entered in Part II.
of the Budget.

Raising the Salt
Platform at Enapand.

In the Proceedings of
Govt. No. 240, dated
7th February 1865, Re-
venue Department, the
Collector of Tinnevely
was requested to explain
the necessity of this work,
but, up to this date,
no reply appears to have
been received. His atten-
tion will now be called
to the subject.

Rupies 1700 are
shown to be required
for completing the widen-
ing and extending
of the salt road up to
the platform at Vairam

See also Bd's Proc
recorded in L & Rev
Dept No 740, 275 April/65

31.
Tinnevely. This
amount having been al-
located in the order of the
4th July 1865, No. 1868, is
available for expenditure
during the current year.

The sum which is
applied for will be
of Rs 1700 to salt works
No. 63, 373. On re-
ference to the Budget
of 1866/67, the Govt.
observe that provision
to the extent of Rs 3,000
is made for this purpose,
and they will rely upon
the Superintending En-
gineers adopting measures
in concert with the
Collector for expending
the grant, ^{for each} to the best

best possible advantage.

The salt Budget
as now submitted, is
not in the prescribed
form; The Board of
Revenue will be careful
to see that future state-
ments are compiled in
the form of the printed
budget of 1866/67 which
accompanied G.O.

No. 405, dated 12th Feb 1866,

and that they are laid

before Govt. every

month each year.

		Printed	
The Bd of Rev		Statements	
8	Rev Secy		250
116	S. Secy		
11	Controller		
3	Acct Genl		13

Test: F. 1/11/66

J. W. 1866 Depts
Prs. of Govt. for March

No. 723
Prs. of the Madras Govt
D/ 3 March 1866

Salt Budget for
1866-67 - Passing order
on Proceedings of the
Board of Revenue
Submitting the -

No. 55. 56.